

## Data Analysis

### MAIN BUILDING FURNITURE

1 Specification Code: od146712/2019\_2020

od146712/2019\_2020 :Supply, deliver and place trademark registered branded (JALARAM make JED 1512) or approved equivalent Executive Desk with side unit and credenza. Desktop mounted on SS tubular legs and specially designed pedestal storage with utility spaces inspired by your needs. Size: (A) Main Desk : W-2000 x D-900 x H-750 mm (B) Side Unit : W-1050 x D-500 x H-750mm (C) Credenza : W-2000 x D-400 x H-1190mm

Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place JALARAM make JED 1512 or approved equivalent Executive Desk with side unit and credenza	each	1.00000	156580.00	156580.00
<b>TOTAL</b>					156580.00
cost for one each					156580.00
	say				156580.00

	Add Water Charges @ 1.0%				<b>1565.80</b>
	Add CPOH @ 15.0%				<b>23721.87</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				181867.67
	Say				181867.67

2 Specification Code: od146713/2019\_2020

od146713/2019\_2020 :Supply, deliver and place registered branded (JALARAM make JED 220) or approved equivalent Executive Desk elegant looking main desk with mobile pedestal and return unit. A real beauty of the blend of wood and steel. Main Desk Size: W-180 x D-90 x H-75 (cm) Joining Top (Black Finish) Size: W-105 x D-120 (cm) Fixed Side Return Desk Size :W-120 x D-60 x H-72(cm) Mobile Pedestal Size: W-40.5 x D-57 x H-50(cm).

Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place JALARAM make JED 220) or approved equivalent Executive Desk elegant looking main desk with mobile pedestal and return unit5 compartments.	each	1.00000	63333.00	63333.00
TOTAL					63333.00
cost for one each					63333.00
	say				63333.00

	Add Water Charges @ 1.0%				<b>633.33</b>
	Add CPOH @ 15.0%				<b>9594.94</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				73561.28
	Say				73561.28

3 Specification Code: od146714/2019\_2020

od146714/2019\_2020 :Supply, deliver and place Trademark registered branded (JALARAM make-JED 200) or approved equivalent Chief Executive Suite with PU coated 36 mm post formed top, Executive Return Unit & 3 Drawer Pedestal Unit,Size of the main Table: W-250 x D-110 x H-75 cm, Size of the Pedestal for Main Table: W-42.5 x D-80 cm, Size of Return Unit: W-127.5 x D-58 cm ,Size of the Pedestal for Return Unit: W-42.5xD-58 cm  
Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place JALARAM make-JED 200) or approved equivalent Chief Executive Suite.	each	1.00000	124743.00	124743.00
TOTAL					124743.00
cost for one each					124743.00
	say				124743.00

	Add Water Charges @ 1.0%				<b>1247.43</b>
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	Add CPOH @ 15.0%				<b>18898.56</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				144888.9 9
	Say				144888.9 9

4 Specification Code: od146715/2019\_2020

od146715/2019\_2020 :Supply, deliver and place registered branded (JALARAM Make-JEC 2017(D)) or approved equivalent Executive High Back Revolving Chair, Tested by approved BIFMA standard laboratories confirming to ANSI/BIFMA X 5.1- 2002 Cl. No. 5,7,8,12,13,17 on functional requirement. Leatherette Finish, High quality mould foam cushion, Die-Cast Aluminium with buffing pedestal, 5 Position locking system with swivel mechanism, Chrome Finished Armrest, Anti-Shock and Synchro Tilt Mechanism , Adjustable cozy armrest , Overall Size (approx) :-H: 117.0 - 126.5 x W:75 x D:75 (cm) ,Seat Height:- 44-54 (cm) Front Pivot Synchro Mechanism: This mechanism helps you experience the effect of your body angle opening out, for maximum relaxation, while your feet remain firmly on the ground. 5-Position Locking: The backrest can be locked in 5 different positions, giving you firm support for concentrated work. Its anti-shock mechanism prevents the backrest from impacting the user when the lock is released. Moulded Foam: The seat and the backrest are made up of moulded polyurethane foam of the right density and thickness, which not only gives you a soft feeling on first contact but also provides a firm support to ensure hours of comfortable seating, Swivel Mechanism: The swivel mechanism allows for a complete 3600 lateral movement. This prevents you from straining over your shoulders and back to reach out for papers and phones kept on either side of your table, ensuring mobility while working. Twin Wheel Castors: The twin wheel castors facilitates ease of movement.

Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place JALARAM Make-JEC 2017(D) or approved equivalent Executive High Back Revolving Chair	each	1.00000	20653.00	20653.00
TOTAL					20653.00
cost for one each					20653.00
	say				20653.00

	Add Water Charges @ 1.0%				<b>206.53</b>
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	Add CPOH @ 15.0%				<b>3128.92</b>
	Cost index <b>32.04 %</b>				-0.01
	Total with Cost index				23988.46
	Say				23988.46

5 Specification Code: od146716/2019\_2020

od146716/2019\_2020 :Supply, deliver and place registered branded (JALARAM Make-JEC 2017(F)) or approved equivalent Executive Visitor Chair, Tested by approved BIFMA standard laboratories confirming to ANSI/BIFMA X 5.1- 2002 Cl. No. 5,7,8,12,13,17 on functional requirement. With Leatherette Finish Moulded Foam: The seat and the backrest are made up of moulded polyurethane foam of the right density and thickness.

Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place JALARAM Make-JEC 2017(F) or approved equivalent Executive Visitor Chair	each	1.00000	15066.00	15066.00
				<b>TOTAL</b>	15066.00
				cost for one each	15066.00
	say				15066.00

	Add Water Charges @ 1.0%				<b>150.66</b>
	Add CPOH @ 15.0%				<b>2282.49</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				17499.16
	Say				17499.16

6 Specification Code: od146717/2019\_2020

od146717/2019\_2020 :Supply, deliver and place trademark registered branded (JALARAM make- JSF 102 A) or approved equivalent JALARAM Multipurpose storage cabinet with 2 adjustable shelves and 1 full locker. Overall size: H-1980 x W-915 x D-485(mm) (H-78"xW-36"x D-19") Material Specifications: The raw material used in cupboard will be PRIME quality CRCA as per IS 513 (1994,1998) 'D' grade. OEM must enclose Proof of purchase of steel from SAIL/Tata Steel/Essar/ Jindal. The cupboard should have welded construction with MIG welding process. The material used for constructing the cupboard should be prime quality Cold Rolled Close Annealed (CRCA) Steel (for doors and shelves 1.0 mm & other parts as per functional requirements) The doors provided will be full height steel hinged doors The handle provided will be matching, easy to grip, sleek and elegant. The Cupboard will have a 3 way locking Mechanism Minimum 6 levers (With duplicate keys) mechanism with shooting bolt arrangement. Shelving: The shelving will be Height wise Adjustable and Shelf Mounting. The Uniformly Distributed Load (UDL) Capacity per each full shelf will be 40 Kg at least. The cupboard will have 2 numbers of adjustable and 1 fixed full shelves with 1 full locker. All steel parts will be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank anti-rust.  
Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place JALARAM make- JSF 102 A) JALARAM or approved equivalent Multipurpose storage cabinet with 2 adjustable shelves and 1 full locker.	each	1.00000	15015.00	15015.00
				<b>TOTAL</b>	15015.00
				cost for one each	15015.00
				say	15015.00

	Add Water Charges @ 1.0%				<b>150.15</b>
	Add CPOH @ 15.0%				<b>2274.77</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				17439.92
	Say				17439.92

7 Specification Code: od146718/2019\_2020

od146718/2019\_2020 :Supply, deliver and place Trademark registered branded (JALARAM Make-jss 905) or approved equivalent Sofa Set, Overall Size of 3 seater: H-736 x W-2134 x D-812 mm

Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place JALARAM Make-jss 905) or approved equivalent Sofa Set	each	1.00000	40870.00	40870.00
TOTAL					40870.00
cost for one each					40870.00
	say				40870.00

	Add Water Charges @ 1.0%				<b>408.70</b>
	Add CPOH @ 15.0%				<b>6191.80</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				47470.51
	Other Engineering Organisations Say				47470.51

8 Specification Code: od146719/2019\_2020

od146719/2019\_2020 :Supply, deliver and place Trademark registered branded (JALARAM make-JED 204 (A)) or approved equivalent Executive table, both side storage unit of special size. 2 drawers cum filing drawer & a center drawer, mounted on telescopic channel. Overall Size of curvica top: W-180 x D-90 cm ,Height of table 72.5 (cm) Material Specification: Two pedestals having 2 box drawers and 1 filing drawer with independent locking arrangement (cam lock) for each pedestal. Drawers shall have a clear depth of > 400 mm. One center drawer having ~ 350 mm clear depth with independent locking arrangement. The top should be made of 25 mm thick Pre&dash; laminated board(PLB) of TESA with 2 mm thick matching lipping. Under Structure: Two pedestals shall be a combination of processed wood (PLB) and Mild Steel (MS). Pedestal shell to be 0.80 mm thick MS sheet. Drawer tray to be made from 0.6 mm thick M.S sheet. Drawer separator to be made from 0.6 mm thick M.S. sheet. PLB drawer fronts (18 mm thick PLB) to match the top colour. Drawers to be mounted on double extension steel telescopic ball slides to give full access to the drawer. Sleek handles for easy grip. Glides screws for leveling.Stiffeners (1.6 mm thick) is to be provided under the top to give additional strength. Powder coating: Powder coating on all items with dry film thickness not less

than 50 microns, Salt Spray test to withstand more than 1000 hours, Pencil scratch hardness more than 2H, Adhesion as per DIN 53152 Standards. The powder coating shall be of good quality (7 process) to ensure good adhesion of life of the coating. Modesty: Shall be made from 1.0 mm thick MS. Panel recessed inside for more leg room. Panel to be styled with cut&dash;outs (windows) for better physical appearance.  
Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place JALARAM make-JED 204 (A) or approved equivalent Executive table	each	1.00000	21714.00	21714.00
TOTAL					21714.00
cost for one each					21714.00
	say				21714.00

	Add Water Charges @ 1.0%				217.14
	Add CPOH @ 15.0%				3289.67
	Cost index 32.04 %				-0.01
	Total with Cost index				25220.81
	Say				25220.81

9 Specification Code: od146720/2019\_2020

od146720/2019\_2020 :Supply fabricate and install LGS or approved equivalent Make Conference table [36'W x 4' D] with Top/Vertical support legs are to be made of 25mm thk Particle board duly laminated with approved colour with 2mm thk. Matching PVC edgeband and modesty are 18mm thk prelaminated particle board with edgebanded finish.Set with 14 nos of LGS Make Conference Chairs Nylon Back With Imported Fire Retardant Mesh, Adjustable Arms With Soft P.U Pad, Nylon Base With Nylon Wheels, Synchro Tilt Single Locking, 100mm Gas Lift, PU Foam Seat With Desired Fabric.  
Rate per each set

Code	Description	Unit	Quantity	Rate	Amount
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MR	Supply fabricate and install LGS Make Conference table [36"W x 4' D]  with 14 nos of LGS Make Conference Chairs	each set	1.00000	79000.00	79000.00
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				TOTAL	79000.00
				cost for one each set	79000.00
	say				79000.00

	Add Water Charges @ 1.0%				<b>790.00</b>
	Add CPOH @ 15.0%				<b>11968.50</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				91758.50
	Say				91758.50

<b>10</b> Specification Code: od146721/2019_2020
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<p>od146721/2019_2020 :Supply, deliver and place Trademark registered branded (JALARAM make-JSF 215(A) or approved equivalent Office Table Overall Size: 60"L x 30"D x 29.5"H inch Material Description:- Main top of 25mm thick. Wood based high quality Pre-laminated ,Particle Board(PLB) of TESA with 2mm PVC edge band by hot melt glue process for beading all over edge. Table top C frame of 20swg. CRCA sheet IS 513. Leg tube &amp; footrest of 25 x 25x 1.2mm thick (18swg.) ERW square MS tube. 3 Drawer unit &amp; Locker unit of 22swg. &amp; 23swg. CRCA sheet IS 513 with good quality lock &amp; PVC handle. Good quality PVC shoes at bottom. All steel parts will be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank anti-rust treatment and B grade phosphating .</p> <p>Rate for each</p>
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Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place JALARAM make-JSF 215(F) Office Table	each	1.00000	11042.00	11042.00
				TOTAL	11042.00
				cost for one each	11042.00
	say				11042.00



	Add Water Charges @ 1.0%				<b>110.42</b>
	Add CPOH @ 15.0%				<b>1672.86</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				12825.28
	Say				12825.28

11 Specification Code: od146722/2019\_2020

od146722/2019\_2020 :Supply, deliver and place of Trademark registered branded (JALARAM make- JMPT 4A) or approved equivalent Table for with 25 mm top, square tubular frame. Overall size: W-151 x D-90 x H-75(cm) Material Description: Main top 25mm thick wood based high quality Pre-laminated Particle Board(PLB) of TESA with 2mm PVC edge band by hot melt glue process for beading all over edge. Top frame of 1.21mm thick. (18swg) CRAC sheet IS 513. Table frame structure made up of prime quality MS ERW square tube 25x25mm of 18swg. Good quality PVC Shoes. All steel parts should be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank anti-rust treatment and B grade phosphating.  
Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place of JALARAM or approved equivalent make table model JMPT 4A	each	1.00000	6448.00	6448.00
TOTAL					6448.00
cost for one each					6448.00
	say				6448.00

	Add Water Charges @ 1.0%				<b>64.48</b>
	Add CPOH @ 15.0%				<b>976.87</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				7489.35
	Say				7489.35

12 Specification Code: od146723/2019\_2020

od146723/2019\_2020 :Supply deliver and place Trademark registered branded (JALARAM Make-JSD 601(D))/equivalent Two Seater Desk Cum Bench fitted on tubular frame with perforated seat and back for Senior Students.Overall size : H-760 x W-1040 x D-1000 (mm) Seat Height: 460 mm Desk Top (Curvica) of 25 mm thick wood based high quality branded (TESA) post formed Pre-laminated Particle Board (PLB )with 0.6mm laminated with 2mm PVC beading by hot melt glue process all over 4 edges. Bench Main frame tube & Support tube of 32mm, 16swg ERW round tube. Seat & Back frame tube of 19mm, 16swg ERW round tube. Seat & Back support of 25x25x1.6mm (16swg) thick. square ERW tube. Seat & Back of 18swg. Perforated CRCA sheet IS 513. Storage Bucket of 18swg. Perforated CRCA sheet IS 513. Good quality PVC shoes & cap. All steel parts will be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank anti-rust treatment and B grade phosphating.

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply delever and place	each	1.00000	7693.20	7693.20
TOTAL					7693.20
cost for one each					7693.20
	say				7693.20

	Add Water Charges @ 1.0%				<b>76.93</b>
	Add CPOH @ 15.0%				<b>1165.51</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				8935.65
	Say				8935.65

13 Specification Code: od146724/2019\_2020

od146724/2019\_2020 :Supply,deliver and place Trademark registered branded (JALARAM Make JEC 501(C))/Equivelent Executive Visitor Net Chair, Overall Size (approx): H-98 x W-58 x D-63.5 (cm) Seat Height: 48 (cm) Frame structure: Backrest made of Mesh and Seat from hot mould plywood of minimum 12 mm thickness of ergonomic design to avoid back pain. Chrome-plated Arm & Frame 'Tapestry: Minimum average weight required 400 to 490 gms per sq. mtr. Tapestry will be tested quality such as stain test, ultra violet test,glue test and color fastening with average weight of 450 grams per square meter Cushioning: PU foam

having density of 50 kgs/m<sup>3</sup> for seat. Average thickness of foam not less than 50 mm + 10 mm Polly foam.  
Arm rest material: Polyurethane on Chrome Shoes: Nylon Rubber

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply,deliver and place	each	1.00000	10185.00	10185.00
TOTAL					10185.00
cost for one each					10185.00
	say				10185.00

	Add Water Charges @ 1.0%				<b>101.85</b>
	Add CPOH @ 15.0%				<b>1543.02</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				11829.88
	Say				11829.88

Other Engineering Organisations

14 Specification Code: od146725/2019\_2020

od146725/2019\_2020 :Supply and fixing White Board: 4'x6' magnetic White  
FOR ONE ITEM

Code	Description	Unit	Quantity	Rate	Amount
MR	SUPPLY and fix	each	1.00000	6355.90	6355.90
TOTAL					6355.90
cost for one each					6355.90
	say				6355.90

	Add Water Charges @ 1.0%				<b>63.55</b>
	Add CPOH @ 15.0%				<b>962.91</b>
	Cost index <b>32.04 %</b>				0.00

	Total with Cost index				7382.38
	Say				7382.38

15 Specification Code: od146726/2019\_2020

od146726/2019\_2020 :Supply and installation of Podium : 600x600x 1200mm ht.  
FOR ONE ITEM

Code	Description	Unit	Quantity	Rate	Amount
MR	SUPPLY	each	1.00000	16949.15	16949.15
TOTAL					16949.15
cost for one each					16949.15
	say				16949.15

	Add Water Charges @ 1.0%				<b>169.49</b>
	Add CPOH @ 15.0%				<b>2567.79</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				19686.44
	Say				19686.44

FURNITURE FOR EXISTING CLASS ROOMS CONVERTED TO SMART CLASS ROOMS

1 Specification Code: od146724/2019\_2020

od146724/2019\_2020 :Supply,deliver and place Trademark registered branded (JALARAM Make JEC 501(C))/Equivelent Executive Visitor Net Chair, Overall Size (approx): H-98 x W-58 x D-63.5 (cm) Seat Height: 48 (cm) Frame structure: Backrest made of Mesh and Seat from hot mould plywood of minimum 12 mm thickness of ergonomic design to avoid back pain. Chrome-plated Arm & Frame 'Tapestry: Minimum average weight required 400 to 490 gms per sq. mtr. Tapestry will be tested quality such as stain test, ultra violet test,glue test and color fastening with average weight of 450 grams per square meter Cushioning: PU foam

having density of 50 kgs/m<sup>3</sup> for seat. Average thickness of foam not less than 50 mm + 10 mm Polly foam.  
Arm rest material: Polyurethane on Chrome Shoes: Nylon Rubber

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply,deliver and place	each	1.00000	10185.00	10185.00
TOTAL					10185.00
cost for one each					10185.00
	say				10185.00

	Add Water Charges @ 1.0%				<b>101.85</b>
	Add CPOH @ 15.0%				<b>1543.02</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				11829.88
	Say				11829.88

Other Engineering Organisations

2 Specification Code: od146722/2019\_2020

od146722/2019\_2020 :Supply, deliver and place of Trademark registered branded (JALARAM make- JMPT 4A) or approved equivalent Table for with 25 mm top, square tubular frame. Overall size: W-151 x D-90 x H-75(cm) Material Description: Main top 25mm thick wood based high quality Pre-laminated Particle Board(PLB) of TESA with 2mm PVC edge band by hot melt glue process for beading all over edge. Top frame of 1.21mm thick. (18swg) CRAC sheet IS 513. Table frame structure made up of prime quality MS ERW square tube 25x25mm of 18swg. Good quality PVC Shoes. All steel parts should be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank anti-rust treatment and B grade phosphating.  
Rate for each

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply, deliver and place of JALARAM or approved equivalent make table model JMPT 4A	each	1.00000	6448.00	6448.00
TOTAL					6448.00

cost for one each					6448.00
	say				6448.00

	Add Water Charges @ 1.0%				<b>64.48</b>
	Add CPOH @ 15.0%				<b>976.87</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				7489.35
	Say				7489.35

3 Specification Code: od146723/2019\_2020

od146723/2019\_2020 :Supply deliver and place Trademark registered branded (JALARAM Make-JSD 601(D))/equivalent Two Seater Desk Cum Bench fitted on tubular frame with perforated seat and back for Senior Students.Overall size : H-760 x W-1040 x D-1000 (mm) Seat Height: 460 mm Desk Top (Curvica) of 25 mm thick wood based high quality branded (TESA) post formed Pre-laminated Particle Board (PLB )with 0.6mm laminated with 2mm PVC beading by hot melt glue process all over 4 edges. Bench Main frame tube & Support tube of 32mm, 16swg ERW round tube. Seat & Back frame tube of 19mm, 16swg ERW round tube. Seat & Back support of 25x25x1.6mm (16swg) thick. square ERW tube. Seat & Back of 18swg. Perforated CRCA sheet IS 513. Storage Bucket of 18swg. Perforated CRCA sheet IS 513. Good quality PVC shoes & cap. All steel parts will be epoxy polyester powder coated to the thickness not less than 50 microns finish after 10 tank anti-rust treatment and B grade phosphating.

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply delever and place	each	1.00000	7693.20	7693.20
TOTAL					7693.20
cost for one each					7693.20
	say				7693.20

	Add Water Charges @ 1.0%				<b>76.93</b>
	Add CPOH @ 15.0%				<b>1165.51</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				8935.65

	Say				8935.65
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4 Specification Code: od146726/2019\_2020

od146726/2019\_2020 :Supply and installation of Podium : 600x600x 1200mm ht.  
FOR ONE ITEM

Code	Description	Unit	Quantity	Rate	Amount
MR	SUPPLY	each	1.00000	16949.15	16949.15
TOTAL					16949.15
cost for one each					16949.15
	say				16949.15

	Add Water Charges @ 1.0%				<b>169.49</b>
	Add CPOH @ 15.0%				<b>2567.79</b>
	Cost index <b>32.04 %</b>				0.00
	Total with Cost index				19686.44
	Say				19686.44